

FIG. 3

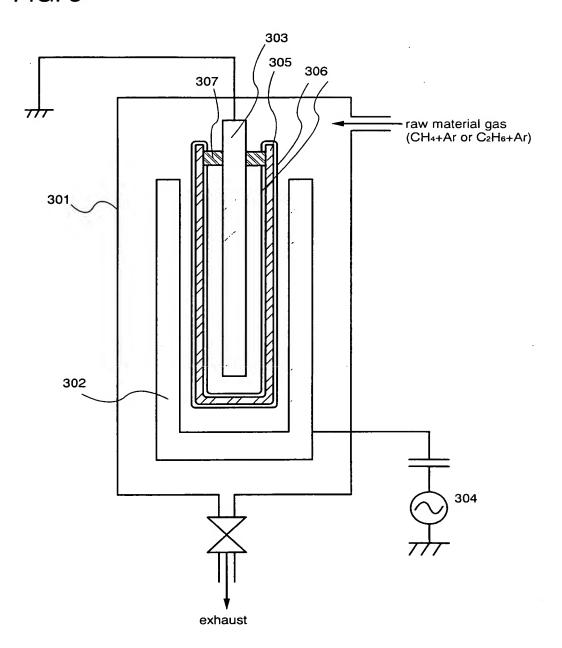


FIG. 4A

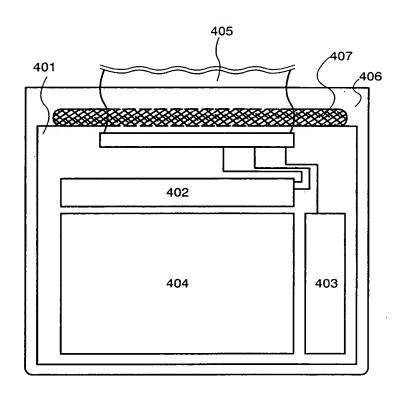
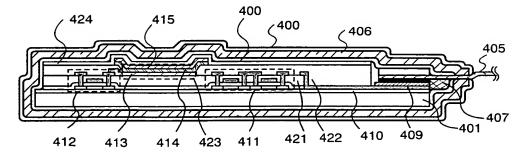
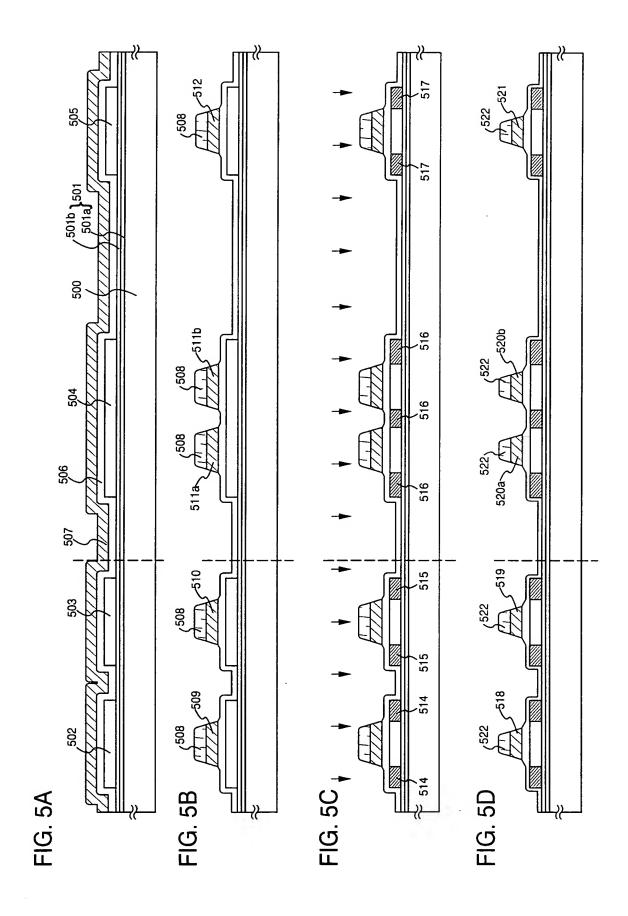


FIG. 4B





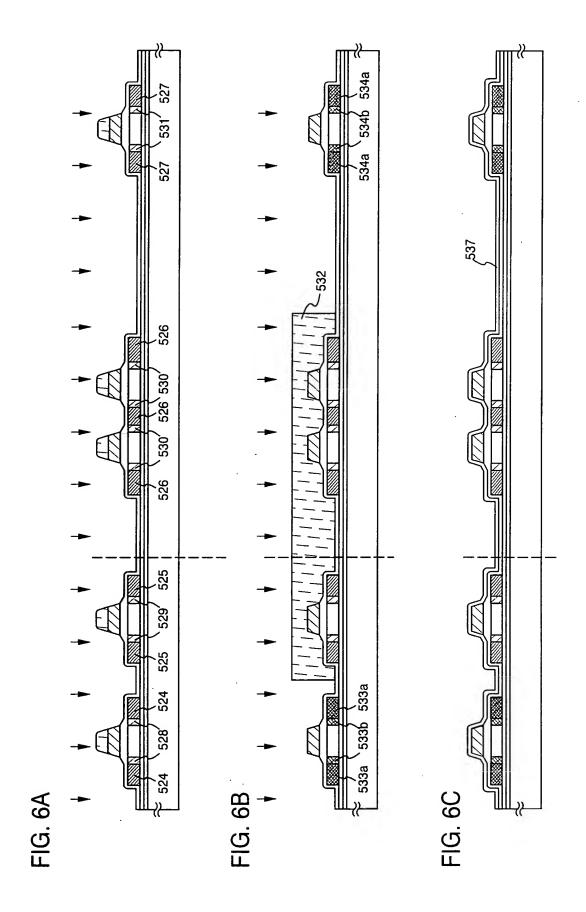
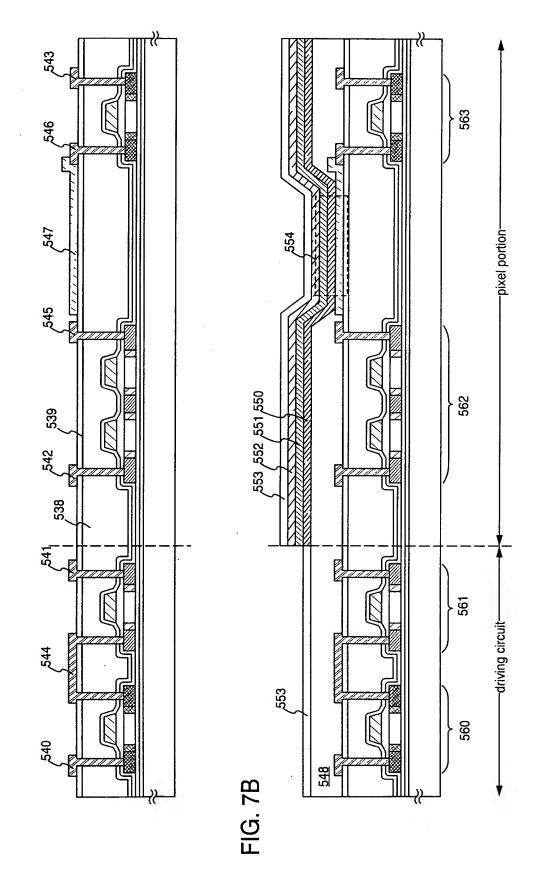


FIG. 7A



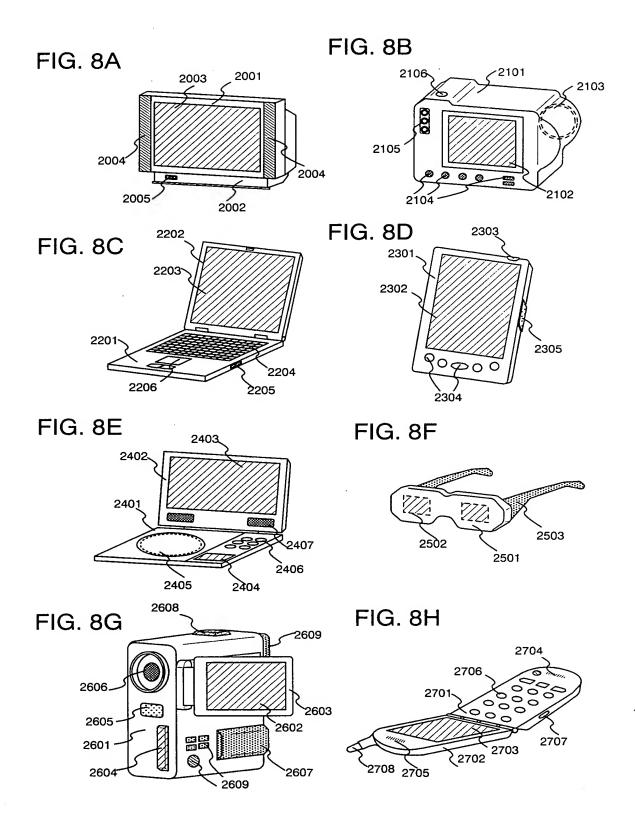
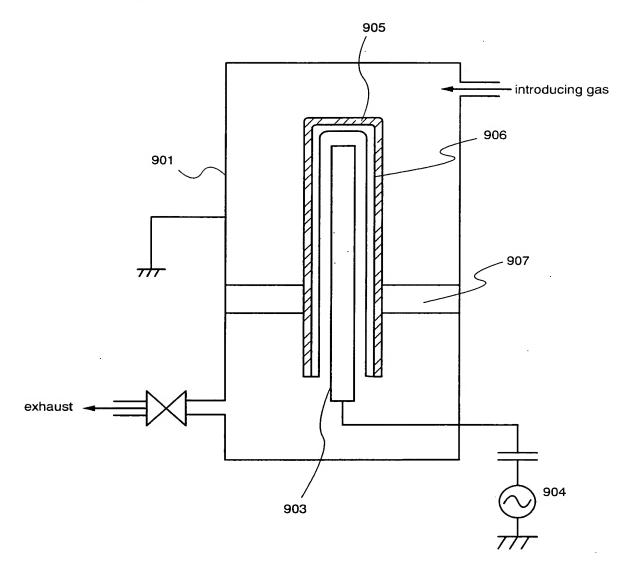


FIG. 9



700 -e- Ar/N2/02=20/15/5sccm -*- Ar/N2/O2=10/25/5sccm FIG. 10 transmissivity of AlNxOy 900 wave length (nm) 200 400 300 30% 20% 10% % 100% %06 80% %02 %09 20% 40% transmissivity (%)

800

800 700 FIG. 11 transmissivity of AlxNy -в- Ar/N2=20/20sccm -x- Ar/N2=10/30sccm 009 wave length(nm) 200 400 300 100% %06 80% % %02 %09 20% 10% 20% 40% 30% transmissivity (%)

